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Approved For Release 2002/06/13 : CIA-RDP68B00724R000200090003-8

IDEA 0846-69

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9 October 1969

MEMORANDUM FOR: See Distribution

SUBJECT: Resume and Critique of Mission C229C

1. The critique for Mission C229C, flown on 25 September 1969, was held in the OSA Control Center at 1330 EDT, 3 October 1969. In addition to General Ross, representatives from the Deputy for Operations, IDEALIST Division, Intelligence Division, Deputy for Materiel, Security Staff, Communications Division, Avionics Division, Weather Division, Office of ELINT, Office of Scientific Intelligence and HASC/OEL were present. Following personnel critiqued on applicable portions of the mission:

25X1A

[redacted] - Mission preparation and execution.

25X1A

[redacted] - Forecast and actual weather.

[redacted] Materiel and Avionics

25X1A

[redacted] - Sensors

[redacted] - Communications equipment and

25X1A

[redacted] target coverage and fighter activity.

[redacted] - Analysis of signals recorded on

25X1A

25X1C
25X1C

2. Mission C229C (Canned Route 1120) was alerted on 22 September 1969 for a 23 September launch. Mission execution was delayed 24 hours [redacted] Take off was at [redacted] from [redacted] for a mission time of 4+35 hours. The mission was planned to

25X1C

GROUP 1
Excluded from automatic
downgrading and
declassification

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collect photo and ELINT information along the South China coast from east of Hainan Island to northeast of Fouchou. The route was flown as briefed until 0450Z, when the mission was aborted due to an "H" camera malfunction. One and one-half flight lines were lost because of the malfunction. Other collection systems were the T-35 tracker and System 17B, both of which worked satisfactorily. [REDACTED]

25X1A.

25X1A

[REDACTED] completed his second operational sortie. U-2R 057 was flown.

Preplanned Mission Data:

Distance	1681 NM
Time to Landing	4+30 Hours
Mission Profile	Maximum Altitude
Take off Fuel	1288 Gallons
Fuel Reserve at HiCone	175 Gallons

3. Weather; The weather forecast was for Category II with light haze except for an area of Category III between longitudes 113E - 117E. The pilot reported predominately Category II weather except for a solid overcast north of Hainan Island and Category III to IV in small areas south of Swatow and northeast of Chinmen Island.

25X1D

[REDACTED]
system revealed that it was not wired to report System 20 activity. A local modification will correct this discrepancy. System 13 showed improper response to self-test during post-flight. Replacement of a circuit board corrected the problem. The cause of the "H" camera malfunction that caused abort of the mission was found to be a faulty germanium transistor in the shutter motor trigger circuit. Germanium transistors will be replaced by silicon transistors in all "H" cameras to prevent this type of malfunction.

5. Communications: Except for [REDACTED] problem mentioned previously, all Communications were satisfactory.

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6. Intelligence:

a. Target Coverage: Photo interpretability ranged from poor to good. Overall interpretability was poor with 65 percent cloud cover reported by OPIC A. NPIC reports 45 percent. Target coverage consisted of 15 programmed COMIREX targets, two bonus COMIREX targets and 12 bonus non-COMIREX targets for a total of 29 targets.

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f. Electronic Warfare Systems Activity: No EWS activity was noted in the area of interest.



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Lt. Colonel, USAF
Deputy Chief, IDEALIST Division, OSA

Attachments - 2
Route Overlay
Target Coverage

IDEA/OSA [redacted] (9 Oct 69)

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